

ABSTRACT

A rail seat which includes

- a) a rail tie
- b) a pair of rail fastening support shoulders mounted on said rail tie so that a
5 rail can be held to the tie between said shoulders each shoulder having a
a rail face and side portions on each side of said rail face extending away
from the rail
- c) a rail pad adapted to lie on said tie between said shoulders which has a
pair of projections extending parallel to the tie along side each side portion
10 of each shoulder.

The rail seat is adapted to be used with a deep post insulator and incorporates
a rib on the support shoulder extending from each side portion against which a
face of the rail pad projections abut to locate the pad in position to
accommodate the post of the insulator. The rail pad projections are
15 proportioned to prevent the pad from moving out of position under the creep
load conditions present when rail cars pass over the rail seat. A resilient tab is
provided on each projection to abut the side portions of the support shoulder
to retain the pad in position between the support shoulders during transport of
the rail tie to the installation site.

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